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CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE
UNITED STATES POSTAL SERVICE AS FIRST-CLASS MAIL IN AN ENVELOPE
ADDRESSED TO: MAIL STOP RESPONSE TO OFFICE ACTIONS, COMMISSIONER FOR
PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 ON
26 FEBRUARY 2004

Deborah L. Pishchik

Name of Person Mailing the Document

2/26/2004

Date

Attorney Docket No. GM50049

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Chalker, *et al.*

26 February 2004

Serial No.: 10/009,315

Group Art Unit No.: 1634

Filed: 05 November 2001

Examiner: Diana B. Johannsen

For: Methods for Producing Modified Nucleic Acid Molecules

Mail Stop Response to Office Actions
Commissioner of Patents
Washington, D.C. 20231

03/04/2004 DTESSEM1 00000104 192570 10009315

01 FC:1253 950.00 DA

TRANSMITTAL LETTER

Transmitted herewith is an Amendment & Response to be filed in the above-identified
application in response to the Office Action dated 26 August 2003.

EXTENSION OF TIME PETITION

Applicants hereby petition for an extension of time for response from the date of the Examiner's
action as needed, the fee being as follows:

()	one month extension.....	\$ 110
()	two months extension.....	\$ 420
(x)	three months extension.....	\$ 950
()	four months extension (not beyond statutory time period).....	\$1480
()	five months extension	\$2010

Charge **\$950.00** to Deposit Account No. 19-2570. Two copies of this form are enclosed.

Please charge any additional fees under 37 CFR 1.16 or 1.17 which may be required by this
paper, or credit any overpayment, to Deposit Account No. 19-2570. Also, should the Patent and
Trademark Office determine that the fee calculated in the above extension petition is not deemed
sufficient to have this response considered as being timely filed, this constitutes a petition for extension

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of time for the minimum period to effect timely filing, and the Commissioner is authorized to debit any necessary fee to said deposit account.

Respectfully submitted,



Jason C. Fedon
Agent for Applicants
Registration No. 48,138

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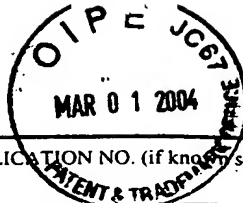
PTO 1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV 5-93)		ATTORNEY'S DOCKET NUMBER GM50049
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED / ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)
INTERNATIONAL APPLICATION NO. PCT/US00/12103	INTERNATIONAL FILING DATE 04 May 2000	PRIORITY DATE CLAIMED 10 May 1999
TITLE OF INVENTION Methods for Producing Modified Nucleic Acid Molecules		
APPLICANT(S) FOR DO/EO/US Alison F. CHALKER, David J. HOLMES, Robert Dwayne LUNSFORD, and James Yigong GE		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; and Form PTO-1449.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☒ Please amend the specification by inserting before the first line the sentence: This is a 371 of International Application PCT/US00/12103, filed 04 May 2000, which claims benefit from the following Provisional Application: 60/133,391, filed 10 May 1999.
16. ☐ A substitute specification.
17. ☐ A change of power of attorney and/or address letter.
18. ☒ An Abstract on a separate sheet of paper.
19. ☒ Other items or information: Sequence Listing in Computer-Readable Format;
Paper Copy of Sequence Listing; Statement to Support



US APPLICATION NO. (if known, see 37 CFR 1.50)		INTERNATIONAL APPLICATION NO. PCT/US00/12103		ATTORNEYS DOCKET NO. GM50049	
20. [X] The following fees are submitted:				CALCULATIONS PTO USE ONLY	
Basic National Fee (37 C.F.R. 1.492(a)(1)-(5)):					
Search Report has been prepared by the EPO or JPO\$890.00					
International Preliminary Examination Fee paid to USPTO (37 CFR 1.492)\$710.00					
No International Preliminary Examination Fee paid to USPTO (37 CFR 1.492) but international search fee paid to USPTO (37 CFR 1.445(a)(2))\$740.00					
Neither International Preliminary Examination Fee (37 CFR 1.492) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$1,040.00					
International Preliminary Examination Fee paid to USPTO (37 CFR 1.492) and all claims satisfied provisions of PCT Article 33(2)-(4).....\$100.00				\$100.00	
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$100.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$0.00	
Claims	Number Filed	Number Extra	Rate		
Total claims	32 - 20 =	12	12 x \$18.00	\$216.00	
Independent claims	4 - 3 =	1	1 x \$84.00	\$84.00	
Multiple dependent claims (if applicable)			+ \$280.00	\$0.00	
TOTAL OF ABOVE CALCULATIONS =				\$400.00	
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).				\$	
SUBTOTAL =				\$400.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)) +				\$	
TOTAL NATIONAL FEE =				\$400.00	
				Amount to be refunded	\$
				charged	\$

- a. ☐ A check in the amount of \$_____ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 19-2570 in the amount of **\$400.00** to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-2570. A duplicate copy of this sheet is enclosed.
- d. ☒ General Authorization to charge any and all fees under 37 CFR 1.16 or 1.17, including petitions for extension of time relating to this application (37 CFR 1.136 (a)(3)).

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:
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SIGNATURE
Edward R. Gimmi
NAME
38,891
REGISTRATION NO.